

| Confirmation Air Sampling for Amarillo Phosphine Incident Summary Table 04/10/17 | | | | | | | |
|---|----------------------|-----------------|-------------|-----------|---------------------------|--------------|----------------|
| Location | Sample ID | Sample Type | Sample Date | Analyte | Lab Reporting Limit (ppm) | Result (ppm) | Data Qualifier |
| Bedroom 1 | PH3-BR1-28012017-81 | Field Sample | 1/28/2017 | Phosphine | 0.016 | 0.019 | JH |
| Bedroom 2 | PH3-BR2-28012017-81 | Field Sample | 1/28/2017 | Phosphine | 0.016 | 0.019 | JH |
| Bedroom 3 | PH3-BR3-28012017-81 | Field Sample | 1/28/2017 | Phosphine | 0.016 | <0.016 | ND |
| Bathroom 1 | PH3-BTH1-28012017-81 | Field Sample | 1/28/2017 | Phosphine | 0.016 | 0.018 | JH |
| Bathroom 1 | PH3-BTH1-28012017-82 | Field Duplicate | 1/28/2017 | Phosphine | 0.016 | 0.021 | JH |
| Bathroom 2 | PH3-BTH2-28012017-81 | Field Sample | 1/28/2017 | Phosphine | 0.016 | <0.016 | ND |
| * Blank | PH3-FB-28012017-85 | Field Blank | 1/28/2017 | Phosphine | | | JH |
| HVAC | PH3-HVAC-28012017-81 | Field Sample | 1/28/2017 | Phosphine | 0.016 | 0.024 | JH |
| Kitchen | PH3-KTCH-28012017-81 | Field Duplicate | 1/28/2017 | Phosphine | 0.016 | 0.017 | JH |
| Laundry | PH3-LAUN-28012017-81 | Field Sample | 1/28/2017 | Phosphine | 0.016 | 0.021 | JH |
| Living Room | PH3-LR-28012017-81 | Field Sample | 1/28/2017 | Phosphine | 0.016 | 0.017 | JH |

ppm = parts per million

ND = Non detect, could not detect at the laboratory Reporting Limit (RL)

JH = The result is an estimated quantity, but the result may be biased high.

Notes:

The laboratory Reporting Limit (RL) is 5.5 µg phosphorus/sample, which is converted to 0.016 ppm when accounting for the volume of air in the sample (240 L).

Laboratory Blank:

Phosphorus (6.15 µg/sample) was detected above the laboratory Reporting Limit (RL) in the Laboratory Media Blank (LMB). Therefore, detected phosphine results in all samples are qualified as estimated JH (biased high). The Laboratory Blank results cannot be converted to ppm as no air volume was collected per OSHA Method 1003.

*** Field Blank:**

Field blank sample, PH3-FB-28012017-85, had a detection for phosphorus (6.6 µg/sample), which was above the laboratory Reporting Limit (RL) of 5.5 µg phosphorus/sample. Therefore, detected phosphine results in all samples are qualified as estimated JH (biased high). The Field Blank results cannot be converted to ppm as no air volume was collected per OSHA Method 1003.

The lab was unable to achieve the detection limit of 0.00935 ppm specified in the OSHA Method 1003.